CITY OF BELMONT

NORTH ROAD PUMP STATION & FORCE MAIN REHABILITATION PROJECT
CITY CONTRACT NUMBER 2019-575
ADDENDUM NUMBER 1 – DATED Tuesday, November 5, 2019

Acknowledge receipt (below). Fax acknowledgement to (650) 593-8394. This signed Addendum shall accompany the Bid.

_____ _____ _____
Company Name Date

Notice is hereby given to prospective bidders that the Plans and Specifications for the subject project are modified as set forth in the Addendum Number 1.

The clarifications, additions and/or deletions contained in this **ADDENDUM** shall be made a part of the bid or proposal solicitation documents (plans, specifications, RFP, RFQ, etc.) for the above-referenced project, and shall be subject to all applicable requirements there-under, as if originally shown and/or specified. The documents are revised as follows:

1) Technical Specification Section 02720-2.02.A.3 shall be revised per for the following:

   3. Coatings and Linings:
      1. All ductile iron pipe and fittings shall be lined and coated per Section 09800 of these specifications.

2) Technical Specification Section 09800-2.02 shall be revised per for the following:

   2.02 PIPE AND FITTINGS COATING SYSTEMS

   A. **Fittings and Valves:** All fittings and valves shall be fusion bonded epoxy lined and coated as specified herein unless otherwise specified. Additional ferrous metals for immersed service shall also be fusion bonded epoxy lined and coated.

   B. **Ductile Iron Pipe:** Ductile iron pipe shall be lined and coated with one of the following systems as specified herein:

      1. Fusion bonded epoxy lined and coated and specified herein.
         a. **Surface Preparation:** Sandblast to SSPC 10 (near-white blast cleaning).
         b. **Lining and Coating:** Blasted surfaces shall be coated with a 13 mil minimum and 20 mil maximum thickness fusion epoxy prepared from a 100% dry epoxy resin applied by the fluidizing bed method, in conformance with AWWA C116 and C213.
         c. **Top Coat:** Fusion bonded epoxy surfaces shall be prepared in accordance with the coating manufacturer and topped with two coats of

acrylic polyurethane such as Tnemec Series 75 Enura-Shield, at a dry film thickness of 2.0 to 5.0 mils per coat.

2. Interior lined with Protecto 401 Ceramic Epoxy or Tnemec 431 Perma-Shield. The lining material shall be amine cured novalac epoxy containing at least 20 percent by volume of ceramic quartz pigment. The dry film thickness shall be no less than 40 mils. Exterior coating shall be:
    a. Buried Pipe: Buried pipe shall be coated with asphaltic material as specified in AWWA C151. A minimum thickness of 1-mil asphaltic coating shall be applied.
    b. Exposed Pipe: Exposed pipe within the wetwell and valve vault shall be prepared with a near-White Blast Cleaning per SSPC-SP10 and coated with an exterior protective pipe coating incorporating high solids amine cured epoxy for maximum protection of the exterior of ductile iron pipe. Coating shall be Tnemec Series 141 at a minimum of 16 mils dry film thickness, or US Pipe Ceramawrap at a minimum dry film thickness of 20 mils.

C. **Buried Pipe and Fittings:** Ferric discharge piping and associated fittings for buried service shall be coated in conformance with these specifications and in addition, shall be wrapped with polyethylene as specified in Section 02720.

Acknowledgement of Receipt of this Addendum to be submitted with the bid proposal.

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City of Belmont
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